FIELD NOTE BOOK

GEOLOGICAL EXPEDITION

1913 - 1915

No. 7

916
L473

1916

Donald B. Mackillan

Journal of trip

to Finlay Land.

March 22-

Kamo aug-e-ting-ah-sun
pee-ah-too-tit?
How much do you want?
(Speaking of Cattle)
Sad-ee-ee-ock-toit sueeps
(Command)

ah-shung-me-acto to roll
a barrel

Pook-tah-o — — float

Sa-ard-ed-loo-o — — fry

Chimil-ah-hoo — — pups

ah-towt — — — plate

Ifis-sho — — sod for lop of igloo

E-mook-towt — — paint

Shu-cuddy an open sledge

Shu-cuddy komitika my open sledge.

Ig-loonee ha-she-ne ook-tee-sika
I shall buy only six

sark-wark-to water to run fast as tide or a river

achãgo tomorrow

Hee-nauh-suah ouna? How is that?

Kahágo tesúnga peákto When when will he be here?

Chnika tamaúme
clã-took-ta-houne
ping-iyúh-ah-shoot
all my dogs remained out at the island.

If a man has been gone for some time for example a week or more "When is he coming back?" should be expressed by the future third person te-yé-ah-how. If he is to return to day or within a few days, the future should be tig-e-á-c-to.

Nar-dung-e-ſēqit? Do you understand?

Read (command) ah-too-álit

Kaſeini oo-cúd-ah-ſhit-?

" ang-oo-vit?

" aivúk-ſit?

luktúſit?

" oo-ming-muck-ſit?

" ah-maúk-ſit?

" oo-cud-e-ach-too-tin

irh-e-mud-e-vek-ſit? How many do you think you will sell?

Kaſeini ook-so-ſhit?

Achago imma-hak ſoolee-say-aetunga ſuisse

Tomorrow I shall bring a seal perhaps.

Ē-mer -- Seal Spear
Ah-mood-láh -- Hook

Caribou age 1 yr. Nōg-gwah
" " 2 " Ang-ah-yook-lillah
" " 3

A very large bear or Caribou
Ang-ee-shwó-pah-dúhe-ewah

Ah-ma-howks-suah -- not frozen or soft such as a seal just out of water.

Ē-ar-fée-ah --- Cane

Mu-míd-ley -- turn over such as a book.
ah-sha-gárk-ly -- turn a sleeping bag over when it is drying on the wall.

White man's Eskimo.

"If you see any white whale up there tell it to come down. (He wanted an Eskimo to bring him some ~~oth~~ narwhal skin)

"I want very hot" (asking me if the woman if she wanted a hot pipe.)

Ka-dim-nah Chain

April 18, Tuesday, 28th day.

Long. 100° W; Lat. 72° 45' N.

Cape Kathorst.

We remain here today to find game, if possible. Have sent the Eskimos back into the hills. It is threatening and looks very much like snow but may clear up.

Ther. -25 ft. Bar. 29.76
Time 9h 45m P.M.

The boys are back. To my disappointment, not a thing. They returned along shore following fresh bear tracks. Lemming tracks are also reported.

About 5 o'clock Finlay Land was clearly visible on the western horizon; our first view of our objective point. It looks high and not far distant which is additional proof that we are at Cape Kathorst.

At $6^h\ 7^m\ 00^s$ Obs 2 alt ☉ 30° 51'
" $6^h\ 12^m\ 30^s$ " " " " 30 15
" " " " Sun bearing 49° 50' E
" 6 17 30 Obs. 2 alt ☉ 29° 37' E
" 6 22 " " " " 29° 26'
" 6 25 " " " " 29° 6'
" 6 30 " " " " 28° 30'

Index Correction +1° 40'
+ 30

At $6^h\ 50^m$ Obs. alt ☉ 13° 57'
I.C. − 6' 30" " " 13° 19'
at $7^h\ 00^m$
I.C. − 5'

At $7^h\ 5^m$ Sun bears 54 30 E
" $8^h\ 2^m$ " " 67 30 E
" $8^h\ 5^m$ Obs. alt ☉ 9° 36
" $8^h\ 45^m$ Sun bears 88° E

Time $6^h\ 12^m\ 30^s$

Dif. for long 100° W $1\ 49\ 20$

L. Eq. T. $4^h\ 23^m\ 10^s$

Eq. Time + 44

L. A. T. $4^h\ 23^m\ 54^s$

Long. $99°\ 60'$ W

Long. Etah $72\ 40$

Dif in long. $27\ 20$

$4 \quad 4$

$60)108 \quad 60)80$

$1^h\ 48^m + 1^m\ 20^s$

Dif. in time $1^h\ 49^m\ 20^s$

Eq. Time Gr. $0^h\ 18^d\ 37^s.73$

Correction + 6.30

Corrected Eq. Time 44.03

L. A. T. $0^s.573$

G. Eq. T. 11

573

573

$6^s.303$

L. Eq. T. $4^h\ 23^m\ 10$

Long. 100° W. $6\ 40$

G. Eq. T. $11^h\ 3^m\ 10^s$

Declination Gr. 0^h. 18^d 10° $48'$ $30''.4$
Time Correction + 9 35.5
Corrected declination 10° $58'$ $5''.9$

H.D. $52''.32$
Elapsed time 11
5232
5232
60) 575.52
Correction + $9' 35''.5$

Sun's bearing at 4^h 23^m 54^s

49° $50'$ E
Sun's true bearing 111 22
Compass Var. 161° $12'$ W

No. 1

Time 7^h 5^m
Dif. for long. 100° W 1 49 20
L. mn. T. 5 15 40
Eq. Time + 44.6
L. A. T. 5^h 16^m $24^s.6$

L. mn. T. 5^h 15^m 40^s
Long. 100° W 6 40
G. mn. T. 11^h 55^m 40^s

H.D. $0^s.573$

G.Mn.T. 12

.1146

573

Correction + 6.876

Eq. Time Gr. 0^h 18^m $37^s.73$

Correction clapsed time 6.876

Corrected Eqq. time $44^s.606$

Suns bearing at 5^h 16^m 24^s

Suns true bearing $54°$ $30'$ E

Compass Var. 98 58

153 8 ?

N 10 E

E. Mn. T. 8^h 2^m 00^s

Cor. 100° W 1 49 20

L. Mn. T. 6 12 40

Eq. Time. + $45^s.06$

L. A. T. 6^h 13^m $25^s.06$

L. Mn. T. 6^h 12^m 40^s

Dif. for long 6 40

G. Mn. T. 12 52 40

Eq. Time Gr. 0^{d} 18^{h} $37^{s}.73$
Corr. for 12^{h} 52^{m} 40^{s} + 7.33
Corrected Eq. Time 45.06

H.D. 0.573
Elapsed time 12.8
4584
1146
573
Corr. + 7.3344

Time 6^{h} 13^{m} 25^{s}
Sun's bearing $67°$ $30'$ E
True " 84 32
Compass Variation $152°$ $2'$ W

K\0 3

Time 8^{h} 45^{m}
Corr. 100° W 1 49 20
L. mg. T. 6 55 40
Dif for long 6 40
G. mg. T. 13 35 40

Eq. Time 37.73
Corr. for 13-35-40 + 7.79
Corr. Eq. Time 45.52

H. A. 0.573

S. Mg. S. 136
3438
1719
573
Corr. + 7.7928

L. Mg. S. $6^h\ 55^m\ 40^s$
Eq. Time + 45.52
L. A. S. $6^h\ 56\ 25.52$

Sun's bearing 88° E
True " 74
Compass Var. 162° 4' W.

Azimuth No. 4

April 19, Wed. 29d
– 33 at 10 o'clock

King Christian Island is mine, I believe; as I know of no one who has ever been there.

Upon leaving camp this morning I learned that we were at least eight miles eastward of the point, which was quite a disappointment, leading me to believe that we could not reach

here today.

It took three hours to arrive at the point and 6¼ to our camp. The land has the general appearance of Admiralty Inlet rather high some distance from shore with a gentle slope to water's edge.

Tomorrow I shall send the boys back to the hills for game.

Seven years ago today George and I started on our long trip to the northern end of Greenland. How I wish he were with me now!

We are 485 statute miles from Etah. Our pemmican supply is such that we must return soon if we do not succeed in finding game. There are tracks of foxes along the shore.

Thursday, April 20, 1916

30th day

Finlay Land

The first disagreeable weather we have had. Blowing from south east with drift. Temp -10; Bar 29.76.

Last night it was very clear. We could see all neighboring lands and even North Cornwall.

The boys have gone back to the mountains to find something eatable. I am helping Lotus, sewing, darning, and reading.

4. P. M.

Boys back reporting tracks of lemming, fox and feces of caribou. They think the mountains are about three miles away.

Long. 101° 25' W; Lat -77° 45'

E. Läh.. 72 40
28 45
4 4
60) 112 60) 180
1h 52m + 3m

Dif in time 1h 55m

Eq. time Gr. 0h 20th day 1m 4.43
Corr. for 101° 25' W + 3.64
Corr. Eq. time 1m 8.07

H.D. 0.539
S. Kq. D. 6.76
3234
3773
3234
3.64364

Long. 101° 25' W
4 4
60) 404 60) 100
6h 44m + 1 40s

Dif in time 6h 45m 40s

E. Kq. 8 1h 55m 00s
Eq. Time + 1 8.07
L.A. K/oon 1h 56m 8.07

Suns Declination 2. 4. noon
at 101° 25' W.

Dec. Gr. 0h	20hd	11°	30'	0.5"
Corr.	+		5'	47.7
Corr. Declination		11°	35'	48".2

H.D. 51.41
S.M.S. 6.76

32846
35987
30846

60) 347.73 16

Corr. + 5m 47.7s

	89°	60'	
	77	45'	
Colatitude	12°	15'	00.0
Dec.	11	35'	48.2
Sun below horizon		39'	11".8

Bar. 29.70 at - 8h 50 P.M.

Friday, April 21, 1916

31 st day

Still blowing from the south and very thick. I am afraid we can do nothing but sit tight.

The Eskimos played cards all day yesterday while I played the harmonica until my mouth was sore.

The dogs were not fed yesterday but must be today. We are 150 miles from Cape South West with nothing on the trail but 40 lbs red and 6 blue. We have 252 lbs pemmican with us. Thirty nine will be fed out tonight and four for ourselves, leaving 209. Shall need going back at least 129 lbs leaving 80 lbs over for stormy weather. This I might use in going to North Cornwall.

A failure of game and these two thirty days change my plans

materially. A round of angles from the highest hill is all that I can expect to do now unless it clears up later in the day when I may run up or down the coast.

Temp +10 ° Bar 29.81

Saturday, April 22
32nd day

A	8h 38m	A.M. Sun	88° W
	9h 38m	A.M. "	75° 30' W
Northern point			225°
Mountains			303
Southern point			44

A.M.	9h 52m	2 Obs Alt ☉	34° 45'
"	55	" " " "	35
"	9 59	" " " "	35 31
"	10 – 2	" " " "	35 44
"	10 – 4	" " " "	35 55
"	10 – 7	" " " "	36 12
"	10 9	Sun bears	67° W

2.c. – 5°

Temp 0. Bar. 29.82

Have decided to return at once. We have not enough dog food to remain and our prospects of getting game very unpromising. If I return with the little I have it may furnish us with enough to explore North Cornwall, the northern part of which no one has visited.

I have the boys build a cairn out of our biscuit and pemmican tins while I get a few sights for azimuth and longitude.

There is a heavy cloud in the south which might portend more bad weather.

11 P. M.

It is strange how things work out. Two hours after leaving Finlay Land it began to snow shutting out our view of all lands.

I thought we were in for it and could see all our pemmican eaten by the dogs and our retreat to

Camp South Bend a long weary drag. As we had killed nothing here before I did not expect we would on the return.

As we plodded along behind our sledges not at all happy a bear popped out from behind an iceberg! A magnificent big male!

Mearnig-wan and I were ahead and almost before I could grab my camera we were in the mix up. Mearnig-wan toppled Quin over going at full speed on his sledge. He sprang down with a bone near the berg and I and my dogs neared on him. I snapped the camera at a beautiful scene and woe to my chagrin there was no film in it!

I tugged at my feet to whip the dogs but they would not flip. It was as well that they did not.

He grabbed one of Mear-
jing-wah's dogs by the back
and broke his spine with
a single snap of his jaws.
another he had by the
head when a bullet made
him drop it.

The dog with the
broken back I ordered shot
at once. He had belonged to
me last year and was a
good friend. I could not see
him suffer. Poor fellow!
He tried to drag himself
after me on his front legs.

The bear has saved
us 43 lbs of pemmican
tonight and will just help
out our tired dogs.
North Cornwall looks like
a cure thing now. V

We have made thirty-
miles today on the return
and are in our old igloo
on west side of Starnes
Sound.

The sun is breaking
through the clouds giving
promise of a fair day
tomorrow.

Azimuth

Sunrise $8^h\ 38^m$ A.V.M.

L. A. S. ?

Long.	101°	$25'$
Stds	72	40
Dif. in long	28	$45'$
	4	4
	60 | 112	60 | 180
	1^h	$52 + 3$
Dif. in time	1^h	5^-5^m

E. Sid. T.	8^h	38^m	
Dif.	1	5^-5^-	
L. Sid. T.	6	43	
Eq. time +		11	42
L. A. T.	6	54	42

Eq. time Gr.	0^h	23^d	$1^m\ 41.20$
Corr. for $101^\circ 25'$ W			1.02
Corr Eq. time			1 42.22

H. D. 23^d	0.481
S. Sid. T.	2.14
	1924
	481
	962
	1.02934

Long. 10° 25′

4 4

60) 404 60) 100

6 + 44 + 1 40ˢ

Dif in time 6ʰ 45ᵐ 40ˢ

L. M. S. 6ʰ 43ᵐ

Long. 6 45 40

S. M. S. 14 8 40

S. M. S. 2ʰ 8ᵐ 40ˢ (23ʰ)

at 6ʰ 44ᵐ 42ˢ

Sun's true bearing 95° 58′ E

Compass " 88° W

183 58

359 60

183 58

Compass Variation 177° 2′ W

Easter Sunday. April 23.

33rd day.

Ther. +9.9 Bar 29.85
Time 5h 00m P.M.

It is raining bears! We had not been in bed more than five minutes last night when the boys heard suspicious noises outside. A few hurried whispers of "nanook-nuk!" was followed by E-took-ah-shoo jumping out of his bag and clapping his eye to the peep hole. "I-shoo-wō!" he exclaimed. In the twinkling of an eye I was alone. My Eskimos had gone leaving their clothes behind.

Following I beheld a rather a striking scene for an arctic artist. All three men were standing on a little knoll, stripped to the waist, and with rifles to their shoulders. The "Battle of Bunker Hill!" or "Defending

their home!" would be a fit title!

The short bark of the Remington Automatic, and the quick report of the Winchester-automatic was followed by E-trah-da-chee's "I-mean-business-crash!" 35.

Nanook became a white ball of hair on claws and snapping teeth in his endeavor to bite the holes in his hind quarters which were now crimson with blood. Down, up, and down again; then with a leap, skip, and a jump he was away out over the ice.

E ran for his clothes, Archie to loosen E's dogs, and N- gathered his drawers up in both hands and yelled with delight.

E, now dressed, ran out toward North American and looked as if he might make it the last I saw of him. Nu-, always at

the front, threw on his clothes, grabbed my dog, jumped on a sledge and was off.

He found E and his dogs and got the bear, my little mate stopping him about four miles away.

At 3 o'clock they were back and began to cut him up. Again I curled up in my bag and was dropping to sleep, when Archie yelled, "Another bear!" "What are they", I inquired, trying to capture one?"

He had walked into camp and was almost into my tent before the boys saw him. E killed him only a few yards away.

We seem to be in bachelor's quarters! There are all males, while those we in Eureka Sound were all females.

As we cannot carry this meat on our sledges we shall remain here

Friday and feed out as much as possible. I can see where some of the dogs have the belly ache!

Have built a cairn here out of a condensed milk and oil tin into which I have placed a record on Expedition letter head paper.

Azimuth taken at Finlay Land

Page 18

E. Mk. S. $9^h\ 38^m$ A. Mk.

L. A. T.

Long. Finlay Land	$101^\circ\ 25'$	W
" Estah	$72\ \ 40$	
Dif. in long.	$28\ \ 45$	
	$4\ \ \ 4$	
	$60)112\ \ 60)180$	
	$1^h\ 52\ 3$	
Dif. in time	$1^h\ 5^m\ 5^m$	

E. Mk. S.	9^h	38^m
Dif. Long	1	5 5
L. Mk. S.	7	43

L. Mn. T. 7^h 43^m A. Mn.

Eq. Time + 1 42.38

L. A. T. 7^h 44^m 42^s

Eq. Time Gr. 0^h 23rd d 1^m 41.20

Corr. + 1.18

Corrected Eq. Time 1^m 42.38

H. D. 0.4811

S. Mn. T. 247

3367

1924

962

1.18807

Long. 101° 25′

4 4

60)404 60)100

6^h 44^m + 1 40^s

Dif in time 6^h 45^m 40^s

L. Mn. T. 7^h 43^m 22nd day

Long. 6 45 40

S. Mn. T. 14 28 40

S. Mn. T. 2^h 28 40 P. M.

L. A. T. 7^h 44^m 42^s

Sun bearing sun 113° 52′

Compass bearing 75 30

189 22

$360^\circ - 189^\circ 22' = 170^\circ 38'$

Declination at $7^h\ 44^m\ 42^s$ A.M.

April 22^{nd} Long $101^\circ\ 25'$ W

L. A. T.	7^h	44^m	42^s	A.M.
Long.	6	45	40	
G. M. T.	14	30	22	
G. M. T.	2	30	22	P.M.

Dec. Gr. 0^h 22^{nd} d		12°	$10'$	$45''.5$
Corr. $2^h\ 30^m\ 22^s$ +			2	6.
Corrected declination		12°	12	51 5

H. D. $50''.45$

G. A. T. 2.5

25 2 2 5

10 0 9 0

60 | 26.1 25

Corr. + 2' 6'

Bar. 29.87 at $10^h\ 30'$ P.M.

Wind north-east and light— snow. Looks bad, but we must try to get away Tomorrow, if possible.

Our dogs look like young Walrus. 2's are vomiting they have eaten so much!

I believe we are

Having continual day now.

We are in latitude 77° 45
long. 99° 30'

Dec. 9h 0d 23d	12°	30'	50".4
Corr. for			3.31
Corr'd Dec	12°	30'	53.7

H.D. 49".95

G.Mq.S. 6.63

1 4 9 8 5

2 9 9 7 0

2 9 9 7 0

3.3 1 1 6

Long. 99 30

4 4

60 | 3 9 6 60 | 1 2 0

$6^h\ 36^m + 2^m$

Time $6^h\ 38^m$

" 6.63

8 9 60

7 7 45

Colatitude 12° 15'

Sun 15' 53".7 above horizon at midnight.

On such a day one cannot but help think of home, of green grass, of budding trees, of new clothes, of church music.

My sister is singing today in church. At home it is 11 o'clock in the evening and they have just gone to bed. Maybe Winthrop is musing over his cigar before the open fire. May is at home, and possibly Lillian and Neil. May God bless them all.

I have never been homesick but three years in the Arctic has endeared me to it more than I can tell.

Monday, April 24

34th day

West side Hazel Sound

Clear above. Blowing and drifting. Wind N.W. 3. Bar 29.76

9h 40m P.M.

This is one of the days when a man thinks strongly of the comforts of home. We left Three Bear camp at 11-30 this morning hoping that wind and drift would subside in a few hours but in this we were disappointed. It steadily increased, on the contrary, giving us the first real taste of bad weather and consequent discomfort that we have had on the trip.

The condition of our dogs increased this considerably, compelling us

walk the twenty-five miles with the result that when we arrived at our old igloo on the east side of Harrel Sound we were met with sweat and clothes driven full of snow.

We are now trying to dry out with both stoves going.

A bear has been here, crushing in one side of the igloo and carrying off my dog, which I left here dying a short distance.

Arbie lost another dog today; so badly injured by going back under the sledge that he ripped and left him on the trail. I dropped one day before yesterday. Thus far we have eaten 9. Arbie 4, N-3, E-1 and I-1. Ah had one killed by a musk-ox making 10 in all.

Our dogs should go better tomorrow when they have digested some of their awful load. Nothing

is as round as a barrel and lazy as a negro with the bowels worn. Was obliged to shorten him up today and warm him up a bit, - the first time I ever did this to him.

Tuesday. April 25.

35th day
Cub Camp
at 10h 00 P.M. Bar 29.34
Temp - 20.2 F

10h	47m	P.M.	Sun	319 30
"	"	"	"	320
"	"	"	"	325 30
"	"	"	"	318 30
"	"	"	"	320
"	"	"	"	319 30

The above bearings show that the compass between the magnetic and north poles is somewhat erratic.

We arrived here after a long march

of nine hours to find our igloo smashed in and our things which we left considerably scattered.

Papa bear has been home. Not finding the cubs, as I had them hidden, and not getting any response from his home, he grabbed her by the hair of the head, dragged her out of the igloo, ate off both hind legs and her belly, and left her a complete wreck behind an ice hummock, the cannibal! Mamma is not worth taking home.

If we can judge of papa's size by his foot he is a monster. We are hoping he will come home again tonight. He has probably gone to Eureka Sound after one of those young ladies.

Fortunately he did not put into my bag which contains a little of everything. He helped himself all over our visit, however.

Wednesday. April 26.

36th day

Leaving Amund Ringnes Land at 12-15 we arrived here at North Cornwall at 4-15. Discovered a small island on the way about 1/2 of a mile in length and only 25 or 30 feet above sea level. It was almost directly in our path and about 3/4 way across.

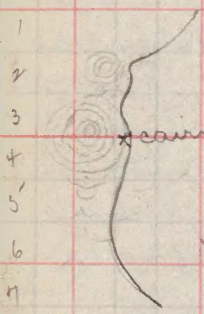
Lying off the shore here for about a mile is a large field of old hummocks ice, the first we have seen since leaving Smith Sound.

We find tracks of wolves musk-oxen, and hare along the ice foot.

The boys are now building an igloo; when completed we shall all go up on top of the headland to build a cairn and look for game.

Bearings

Vyl-	241° 30
Cape Maundy Sunday	182°
Northern Point	303
Southern Point	136
East W defts coast	130

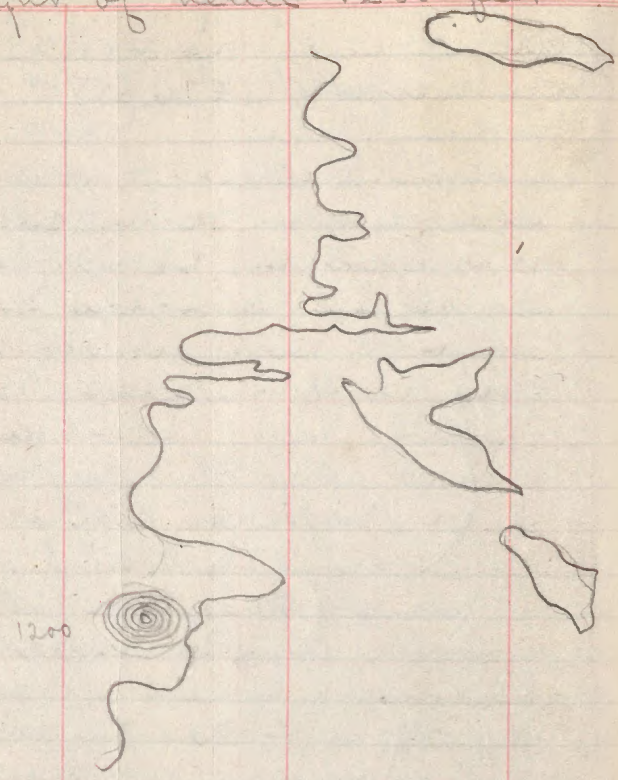


Wind 3 S.E.
6 P.M.
Temp -10 Bar 29.16

Cl-	6h 00m	Sun bears	325° 30
	6 16	" "	323
	6 28		320 20
	6 53		313
	"		315
	"		314
	"		313
	7 44		305
	7 49 20		12° 27
	7 50 55		12 18
	7 52 55		12 24
	54 30		12 15
	56 30		12 8

2 C — 5

Height of head 1200 feet



Mountain Summit Ranges
Land and Cape Maundy
Thursday 59° 15'

Have climbed the hill finding it to be by aneroid 1200 feet in height. There we built a large cairn, about 5 feet high and 4 in circumference and deposited a record in a small bottle for some aeroplane to find at some future time.

The view was magnificent. Three islands were discovered lying off the shore to the west. In the south west I could plainly see across the inland sea a large land in the centre of which was a fine big island. Through the glasses I could plainly make out what we all judged to be the sea lying off the southern coast.

No sign of smoke -

open on. Caribou.

I killed one bear which tasted mighty good.

We are having trouble with one of our stoves. Fortunately I have a good one over at "Third Bear camp". Two marches east of Cape South West.

Bearings of Head
Mountain Sheia
Wyandy Thursday
Cape South West

Thursday, April 27.

37th day

Northern Cape of
North Cornwall

Camp 1-8
Point 1 — 1-39 at 5
Very shallow cove W
No 2. Bearing 120
Leave No 1 at 1-43
Arrive No 2. 2-18 Rounded
point
No 3 Bearing 110°
" Headcove 83
Double cove. Small deep
east of No 2. We cross in
20 minutes.
Bearing of Cape South West 165°
" Sun 2-57 — 8°.
Arrive No 3 — 3-50
Straight shore to No 4
Bearing 115°
1st 4 Leave straight shore
Cove 4-30
No 4 4-42
2 " 4-50 Leave No 4
Large Bay to No 5

So W.S.W. 127 } at 5h 10m P.M.

So depth of Bay 80
at 5h 10m P.M. Sun 25° E
Rest dogs 15 minutes

Sextant angle between Cape South West and Cape Kpaundy Thursday 20° 15'

First snow bunting flew over our sledges at 5 o'clock holding a course toward Cape Hatteras Island singing as he went.

Bearing of Head 301°
W.S.W. 269
Cape Kpaundy Thursday 199
Cape South West 174

Arrived at W.S.W. 7-10
Last curve runs toward Cape South West
Bearing to Head 308
Kpaundy Thursday 207
Cape So. West 182
West-point W.S.W. 135
Sun at 7h 20 308

Reached No 6 at 7-28

Passed small light 7-48
Bearing to K 107 92°
Arrived " 8-33

Bearing back to Head 306
Cape Wrangell, Thursday 213 30
Cape South West 189
Sun at 8h 56 286° 30'

9-28-30	Obs	alt-⊙	6°	51'
9-31-30	"	" "	6	40
9-34-30	"	" "	6	35
9-36-30	"	" "	6	29
9-38	"	" "	6	26
+0-35			6	18

I.C +35'
Temp -15.5 Bar 29.26

E	54 lbs - 9	45
M		50.
Yu		40
Ark		52
		187

We did not get away until a little after 10 o'clock today, stopping to build a cairn and put in a record, after which Arkio photographed the rest of us

near the cairn.

I am fortune as one has ever been along this coast before today. It is not at all like it is mapped.

We have made at least 30 miles, 7½ hours at 4 an hour. Following fresh bear tracks spurred our dogs on considerably.

By the map this distance takes us over the whole north eastern side of the island. We have been going about true east all day and have not really turned South at all. Tomorrow will reveal much. I may send two of the boys to Cape South West from here.

Bearing Cape South West	188°
Back to No 7	271°
Mackillan Head	303°

Friday, April 28, 1916

38th day
Two miles beyond Yo-Yo point.

1st 10m P.M.

The boys have just left Yu-car-ping-wah and me to go to Cape South West. By dividing the party I am enabled to go on three days more toward the south-east.

They have taken all of our impedimenta thus relieving us of quite a load. I have ordered them to hunt musk-ox north of the cape, and, if successful, to await us there. If not, they are to go on to "Three Bear Camp", where we have plenty of meat and there remain until we arrive.

I am now awaiting local noon to obtain sights for latitude and Compass variation.

Bar 29.34

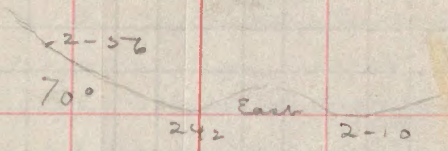
Time Temp. - 8.5 F

Obs ☉ Alt - ☉ 52° 30'

Bearing of Sun at 1h 45m 34°

I. C.	43 on	32 off
" "	41 "	31 "
" "	44 "	28 "
" "	42 "	29 "
	4)170	4)120
	42	30
	30	
	2)12	
	-6	

Leave camp 2-10
Due east until 2-42
Turn to 70°



At 3h 40m Head bears 291°
Coast trending to
Veers; a gradual curve.
At 4-25 Head bears 290°
Cape South West 193°
arrive at west eastern
end 4-45
Bearing to Head 300°
Cape S.W 205° 30'
Course at 5 P.M 27°
from V/O 8 across small bay to
V/O 9. Arrive 5-25 Bay
300 yds deep.
Bearing to Head at 5-30
from V/O 9 296°
To Cape S.W. 207°
Bearing to V/O 10 8°
Leave V/O 9 at 5-32
Bearing at 6-30 V/O MacMillan Head 285°
Cape Maundy Thursday 220
Cape South West 203
Veer about west N. large bay
5 miles in depth.

Finish at 8h 51m

Sun bearing	295°
MacMillan Head	266°
Cape Kgaundy Thursday	213 30
" S.W.	201 30
Trend of coast South	45°

Two of us only tonight, it seems lonesome without E-took-ah-shoo and Arhlio.

However, we are putting new land on the map. I am convinced that North Cornwall extends far east into Kommoqian Bay. Yesterday we travelled in a general direction east for 30 miles. Today we continued east, then south east, then south for another 30. Cape South West is far in over the land. The whole stretch of coast line from Cape South West to Hyperit Point is visible, also land due south, which must be Graham and Buckingham Islands.

I should judge we

are about and equal distance from Cape South West and this land to the south.

Am quite sure my latitude today was taken too late as I worked my time on the 94th meridian.

Obs. 2 alt ☉ 52° 30
2. C − 6
2) 52 24
26 12
S. D. + 15 54.3
26 27 54.3
Ref − 1 58.
h 26 25 56 3
z 63 34 37
d 14 12 53
77° 47' 30"

Dec. 9h 0h 28d 14° 8' 51"
Corr + 4 48
Corr. Dec. 14° 12' 53"

H. D. 47" 23
Long(?) 6.1
4723
28338
60)2883.103
4' 48"

Saturday April 29, 1916.

Because of poor quality of snow and only two of us we did not get to bed this morning until 2-30.

As we came into the igloo Voo placed his rifle near the door ready for a visitor.

At 4-30 we heard a commotion among the dogs indicating that he or she had arrived. Voo jumped out of his sleeping bag, having on a pair of drawers and socks, and crawled out through the door. As he did so the whole arch of snow dropped on his bare back. At 20 below zero, this accelerated rather than retarded him in his scramble for his rifle.

It afforded me, however, a good view of the scene of action. He squatted in the snow and pulled his automatic three times, at which I thought to myself,

Time 1h 16m P.M.

Obs. Alt ⊙ (ice) 26° 55′

I. C. −5″

Compass bearing 41° W

Temp. +6.3 ft

Bar. 29.91

Obs Alt ⊙ (ice) 26° 37′

I. C. −5″

Time 2-12

Sun's bearing 27° W

Assuming that S am at 91° 40′ W

G. Mean S.	1h	16m	P.M.
Long. 91° 40′ W =	1	16	
L. Mean S.	00h	00m	

Long. 91° 40′

Etah :: 72 40

19 00

4

60) 76

Dif in time. 1h 16m P.M.

Eq. Time 9h 0h 29d	2m	41.52
Corr. for 91° 40′ W +		2.1
Corr. Eq. Time	2m	43.62

H. V. 0.354

Long. 6.1
354
2124
Corr. + $2^s.1594$

Long. $91^\circ\ 40$
4 4
60)364 60)160
$6^h\ 4^m + 2^m\ 40^s$

Time $6^h\ 6^m\ 40^s$
" 6.1

L. M. S. $00^h\ 00^m\ 00^s$
Eq. Time + 2 43.62
L. A. S. $00^h\ 2^m\ 43^s.62$

Obs. Alt. ☉ 26° 55′

I. C.	−		5	
		26°	50	
S. D.	+		15	54.06
		27°	5	54.06
Refraction	−		1	54.
	☉	27°	4′	00.00
	Z	62	56	
	d	+ 14	31	39.8
Latitude		77°	27′	39.8

Dec. Gr. 0ʰ 29ᵈ	14°	26′	51.8
Corr. for 91° 40′ W.	+	4	48.
Dec.	14	31	39 8

H. D. 47.23

G. M. S. 6.1

47 23

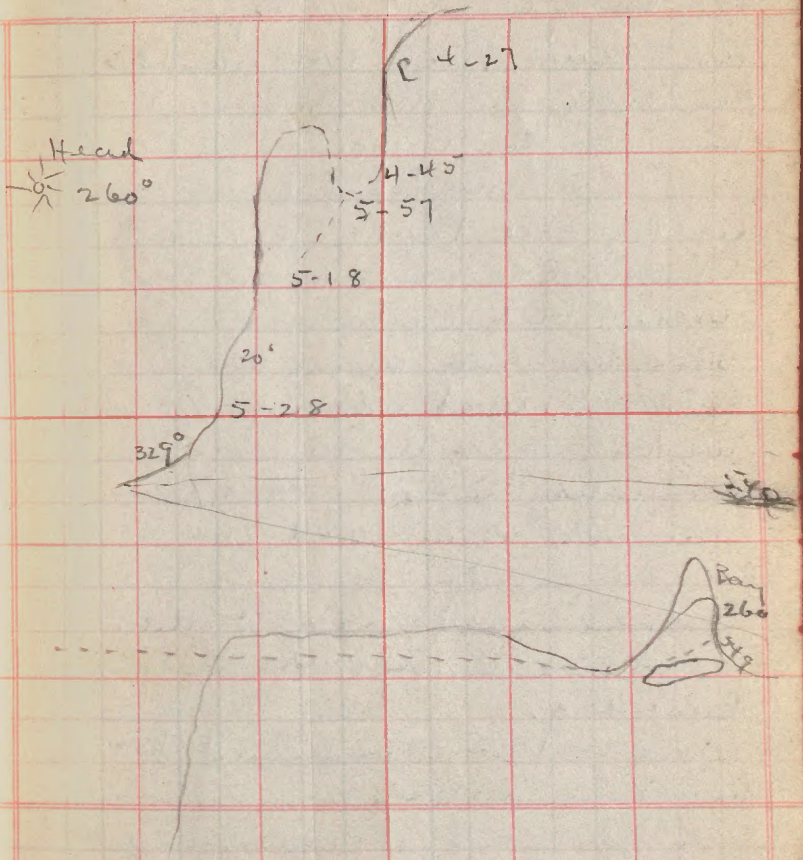
28338

60) 2881103

Corr. + 4′ 48″

To Head
" Maundy Thursday 21 3 30

C 4-27
P 4-43
L.P 4-57
A.P. 5-10
Coast 20°
Head 260°
L.P. 5-18
A.P. 5-28
Course now 329
" N by W at 5-40
Up bay 260°
In Bay large island stretching for 3 miles due S.W.
Course from ~~northern~~ eastern end of Cape Aberdeen 300
A.P 6-24


4-27
Head
260°
4-45
5-57
5-18
20°
5-28
329°
Ran
260
329

he is getting away from us. But this was immediately dispelled by his turning to me and yelling "It's dead!"

I inquired why he fired three times to which he made answer, "We were both undressed, it was blowing and drifting and I was afraid he would get away. So I thought I had better smash him all up!"

In two hours he had her skinned, fed to the dogs, and was back in his bag.

It continued to blow and drift, persuading me at first to remain at this camp, but I have decided to go on for a few hours anyway.

Sunday April 30.

40th day

Near Gordon Head.

Four hours today at 5 miles an hour.

We are now fairly on the southern coast and have finished our work connecting with the Franklin Search Expedition of sixty three years ago.

Discovered a large island about ten miles east of here.

We came up across country in order to gain the summit of a hill tomorrow to map in coast to the west. We then head for Edah and home.

We should make Cape South West in three marches and Edah in twenty-four at the most.

Table and Exmouth Islands seem very near in the south.

Bar 14.4
29.19

Sunday. April 30

4031- day

South side North Cornwall.

9h 24m 42p Sun 108° 30

A beautiful day.
Excepting for a light wind
it could not be better.

9h	39m	Obs	2	Alt ☉	41°	51′	
9	41	30	"	"	42	1	
9	43	30	"	"	42	13	
9	45	20	"	"	42	21	
9	46	50	"	"	42	35	
9	48	18	"	"	42	33	✓
9	50	20	"	"	42	51	
9	52	15	"	"	43	6	
9	53	50	"	"	43	13	
9	55	20	"	"	43	18	

D. C. -40 +31
-40 +30

Temp. +8 F. Bar 29.14

Alt- 10h 32 Sun bears 90°

10 42. 40 47° 15'

Bearings of land seen in the South.
Small island in west, flat shaped or hills. 344°
Large Island about ten miles east of small 347°
Land on whole horizon from 344° to 51°
Land also in the east at 125°
Hill to west distant about 10 miles, bears 312°

At 0h	58m	00s	Obs. 2 Alt. ☉	54° 6'
1	1	30		54° 17'
1	11	10		54° 24'
1	18	15		54 29
1	24			54 33

Sun bears 37° 30'
Temp + 6.5 Bar 29.03
Sun bears 40° at 1-30
1 31 30 54 31

2 ☉	- 50	- 54
	+ 16	+ 15
	21 - 34	21 39
	17	- 19

2. ☉ — 18

Coast

4-15

Lear camp at 2-35

Praire Dog Point.

Indentation in peninsula at 3-28. Crossed six river beds

Sea ice 3-46.

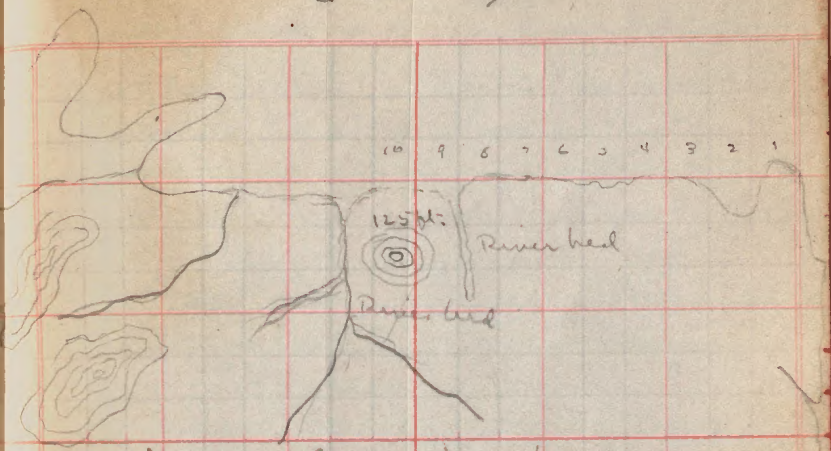
a.P 4-15

3-46

3-28

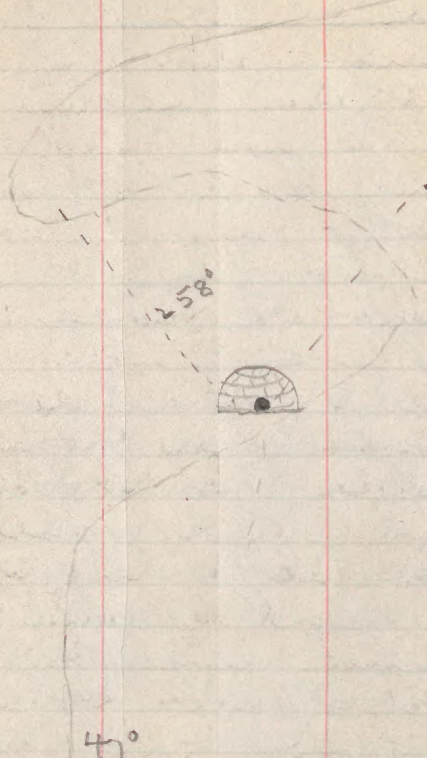
Line

E ——→ W



Along shore to island 116
From end island W point
east 118. Back to Cairn
Hill 279
Arrive end island 4-30
5 miles an hour
B to head of bay opposite
island 254°
A. T 4-52
Dune 165°
Bay 5-05
Shore 221
A. Camp 5-45
Shore along here is in a
large gentle curve.
Distant point N 1/2 E. bears
160°

Section here at camp 5 Point



at- 7h 16 Sun 311°

South-eastern end of North Cornwall.

The dogs came along well today; tails in the air, and a short sharp yelp now and then betokened good spirit and prime health. How different two years ago, when I turned back about this time from 'farthest north'! Then every tail was down, and every dog dead tired. The team was stopped it was started again only after much labor. Hardly a dog would rise at word of command; some even were kicked and beaten into their places. Today all were on their feet and tugging at the traces before I went near them.

We covered the sixteen miles today in a little over three hours.

In crossing one of the river beds tracks of a bear were seen leading from the hills to the sea. When descending from the high hill

at the northern end of the island a few days ago we noted the same at an altitude of 500 feet.

The Eskimos say that bears go back among the hills for grass because they are hungry. The female which was killed here was frightfully poor. Possibly this is the hardest time of year for them as it is for the Eskimos. No seals are up on the ice yet and will not be for two weeks.

When ascending hill this morning to build cairn I noticed the purple saxifrage in abundance.

The islands seen in the south must have been Sabine and Exmouth Islands, although as indicated on map must be small for all we saw.

I am quite sure now that the land seen by us day before yesterday

when coming down the coast, was Graham and Buckingham Islands. Shall take bearings if I see them tomorrow.

Bar. 29.10 at 9.15

Tuesday, May 2 W. 2. S

42nd day.

South-eastern and North Cornwall.

Compass Variation.

Assumed Long. 92 60
Etah 72 40
20 20
4 4
60)80 60)80.
1h 20m+1 20s

Dif. in time 1h 21m 20s

Etah Mean time 7h 16m

Dif.	1	21	20
L. Mn. T.	5	54	40
Eq. Time +		3	1.1
L. A. T.	5	57	41.1

Eq. Time Gr. $0^h\ 1^d$ 2^m $57^s.44$

Corr. for + $3^s.73$

Corrected Eq. Time 3^m 1.17

H. Var. 0.309

S. Var. D. 1 2 3 1

3 0 9

6 1 8

3 0 9

Corr. for time 3.7389

L. Var. D. 5^h 54^m 40^s

Long $93°$ + 6 12

S. Var. D. 12 6 40

Long. 93°

4

60) 372

Time 6^h 12^m

L. A. D. 5^h 57^m $39^s.3$

True bearing sun $87°$ $33'$ W

Compass bearing 49

" Variation $136°$ $33'$ W

Dec. Gr. 2^h 1^d 15° 3′ 41″.9

Correction +			9	9.7
Cor. Dec.	15	12	51	6

H. D. 45.43

Time 12.1

4543

9086

4543

60)549.703

9^m $9^s.7$

Latitude

Temp. +6.5 Bar. 29.03

Obs. 2 Alt. ⊙ 54° 33′

I. C. − 18

2)54 15

27° 7′ 30″

S.D. +		15	53.57
	27	23	23 57
Refraction −		1	51.
h	27	21	32.57
z	62	38	27.5
d	15	10	6.2

May 1st: Latitude 77° 48′ 33″.7

Last camp.

Dec. Gr $0^h\ 1^d$ $15°\ 3'\ 41''.9$

Corr. for $94°$ W $\quad 6\ 24.3$

Corrected dec. $15°\ 10'\ 6''.2$

H. D. $45^s.43$

Time 6.26

27258

90866

272580

$384.39\ 18$

Long. $94°$ W $\quad 6'\ 24''.3$

4

$60)376$

$6^h\ 16^m$

Monday. May 1.

41st day

Bar. 29.44 at 8.50 A.M.

Temp. 0

Another God given day. From the fresh look it looks perfect — blue sky. not a breath of wind.

These two characteristics with perfect going are all the explorer wants.

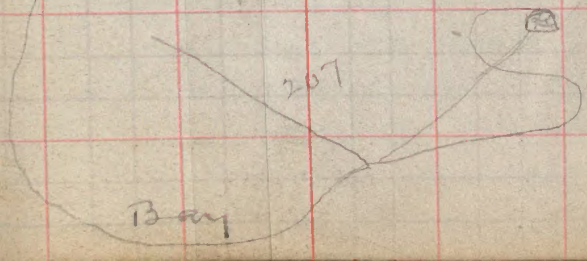
Alt- 9^h 6^m Obs 2 Alt ⊙ 40° 16

	8 10		40 35
	10 20		49
	17 30		40 26
	18 50		40 33
	20 30		40 47
	21 40		40 53
	22 56		41 1
	24 15		41 6
	25 35		41 15
	27 40	⊙	42 37
	29 30		42 47
	34 17		43 10

	2. C	
+31	− 33	
+26	− 36	
+27	− 35	

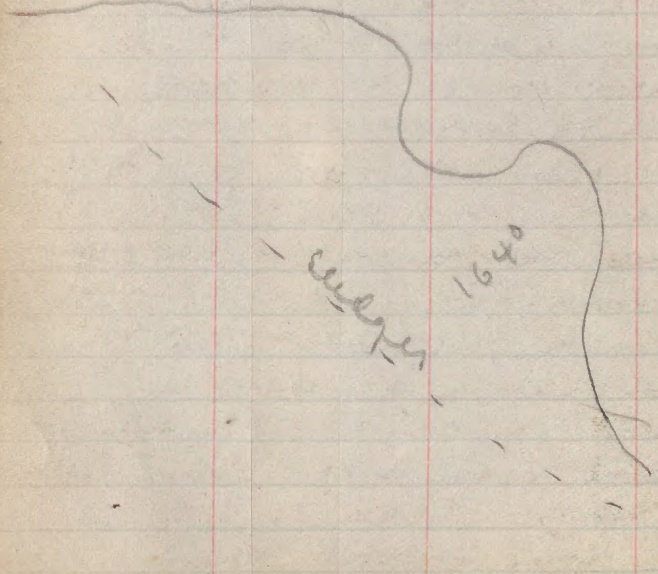
Alt- 9^h 45^m 45^s Sun 99° 30'

Leave camp 10 − 35
Arrive ft 10 − 55
Course now 207



At- 11-25 we are in entrance of bay 2 miles deep.
At- 11-45 we turned at right angles and dashed off shore, the dogs smelling a bear.
At 12 o'clock I photograped and shot- him, a very large male.

Leave carcass at 2-23
Coast at 5-20 128°
Looks due east from Head
A. P. 5-30 Change W 164°



Bearing of Head at 6 P.M.

	294°
Cape Wyandy Thursday	223° 30'
Cape South West	205°
Direction Coast line	191°

at 6h 30m P.M. Head 292
Cape Wyandy Thursday 213
Cape South West. 201

We are within 200 yds of farthest east end of island
Thick at 9-45
Temp +3 Bar 29.63

We travelled an hour and ten minutes before turning for the day and 7 hours and 22 minutes after hitching and rolling kits up, a total of 8 hours and 32 minutes. Twenty-eight miles is an estimate of what we have walked.

I did today what I declared a week ago I would never do again, — filled my dogs plum full of meat before a march. They could handle waddle. They were so round

Perhaps they deserved it for we would never have seen the bear. They smelled him at least half a mile off and turned back. I thought to myself, "It is a real bear!" But in a few minutes a magnificent big male jumped up from behind a small hummock of ice.

As we galloped toward him, the teams side by side, my black dog became entangled among the wearing-walk dogs. He tried to stop all but could not do it; so I crawled out on the front of my sledge and cut his trace.

Away he went and was soon cutting at the bear's heels. After a great deal of trouble I succeeded in turning my sledge bottom up thus anchoring the dogs. We did the same and then I ran to meet them telling one to get on and we would [illegible]

I slipped two more dogs and we started. When within 50 yards I ran ahead with the camera, got two photos of him as he turned on the dogs from about 50 feet.

As I ran along with him I noticed a peculiar thing, — he was skiing with his front feet! I have never seen this mentioned in any of my reading.

With only one exposure left while I am caring for a family bear tomorrow I thought it time to shoot. I ran back to Madge grabbed my 33 and dropped him. My big dog and the black stayed right with him to the last. The Co-bevo-yah dog came back.

Mr tells me that my dog "Bill-ah-ha-do" is one of the best bear dogs he has ever seen. I think so much of him that I did not dare to let him leave for fear that he might be injured.

Remarks by Mr Lindsay ...

"He has a very large spleen. He has been to sleep."

"If the spleen is small he is through sleeping."

"We always give some of this to the young dogs. By and by they will be good bear dogs."

"The bears over here are different from bears near home. There the dogs easily stop them. Here they seem to keep going. I think it is because of the values here!

Tuesday May 2

43rd day

Temp -5 9 A.M.
Bar 29.52

When I awoke this morning at 8 o'clock the sun was bright but a little hazy. When breakfast

was over it was cloudy and blowing from the north.

We left camp at 10-25 and held our course nearly direct for Cape South West which did not seem very far away. During the day the wind changed to south-east and began to snow.

Fortunately the Cape remained visible toward which we held our course for eleven and a half hours. It is our second longest march, at least 35 miles. It is good to get back again under the high cliffs, to step foot on a real land. That to the west around whose shores we have been plodding for three weeks should be under water; may the Devil take it! I never want to see it again.

Since we have been gone the wolves have been here and have torn up

the musk-ox skin which we left. The whole floor is covered with hair.

Sticking in the side of the igloo were seventeen little sticks and by the door four hare. Ikwa says that Inians Arbis and E-koak-ak-ruo killed seventeen hare! This must be the original home of the Arctic Hare. Evidently the boys bidded us musk-ox as they came on to "Hare Bear Camp", which I told them to do.

The thermometer records the extraordinary temperature of + 24 ℉. We are sitting in the igloo in our underclothes as if it were summer. This morning it was 5 below zero. Now snowing and wind S.E. 3.

Last I forget let me record what we have eaten. About two hours before we reached here we each had a quarter of a pound of pemmican and an equal amount of crackers. Then we have had

the hearts and livers of four hare, four pounds of meat a fish and a half each of mashed with and a quarter pound of biscuit also a half cake of army chocolate.

We have very little in the morning sometimes only a cup of tea and a few biscuits but the Lord knows we make up for it when the day is over!

Wednesday May 3.

44th day

Bar. 29.83 at 11-30 A. Var.

Cape South West.

Snowing this morning but no wind. Promise of clearing up.

First seal seen on ice yesterday. Snow bunting passed sledges on way north.

Midnight

Before leaving the Cape this afternoon we built

a cairn and placed a record in it enclosed in a Powells U.S. Army chocolate tin. This cairn is about 100 yds distant from extreme end of cape but the next shore.

Our dogs were in fine shape today and well they were for the going has been the worst kind leaning Edah. We have been on rocks all the way.

Tonight I lightened my bomatik considerably by giving the dogs forty or fifty pounds of meat. Let us hope it will be digested before starting tomorrow.

Plenty of bare tonight. Plenty of everything!

Information from Nuvanging-wah.

The gyr falcon is the fastest bird in the north. It will overtake and capture even the ptarmigan which is very

part. Also captures little auks, ducks, and even glaucous gulls!

"The ice must be very wrong to catch and hold a whale."

"We are having such warm weather & Inuit the woo-yah gulls are here!"

I saw my first seal today on the ice.

Thursday May 4

45th day

Temp. +2 Bar 29.78

At 12h 19m Sun 78°

9h 30m P.M.

Temp +19 B 29.55

Wind N/E 6 Drift.

When we left our igloo Friday the weather was perfect, - bright sunshine and no wind. At the point west of here we began to get it, strong

wind and drift, which continued right up to the igloo door.

As we approached I said to myself, "Yes, there is the igloo with a Yankee can on top of it!" It proved to be Arbio's head sticking up through the top!

The boys are here and we are all happy in being together again.

About mid way between the two igloos we found a wind shelter and two bear meat stacked up for us, informing us that they had killed a bear, which makes us sixteen.

They saw two walrus and killed two ptarmigan. Arbio has lost another dog, a total of five so far.

Friday May 5.

46th day

Strong wind from northeast and drift all day. In

addition to these to overcome we had a breaking crust across the floe. Once across we found smooth ice; so smooth, in fact, that Arktis got off his sledge to get a whip lash and could not get back to it. It was a funny sight; he looked like a hen on ice. Finally he "went ashore" and came up along the ice foot to his team which we stopped.

Just below the point here we saw Ely hare feeding. The boys shot two, also two ptarmigan.

We found both igloos "par-tee-tech-to" (down). One we have repaired for tonight. The different articles which I left here were buried but soon dug out. Am overjoyed to find 7 rolls of film. Have worried for two days over my diggy. Am now ready for mush-ing or bear. Am afraid things are going to be wild. Wait going to happen?

In opening a hare tonight we find inside six balls a little larger than marbles which the Eskimos say are small hare. Shall put it in Alcohol and try to save it.

Saturday, May 6

47th day

Sunday, May 7

48th day

5h 30m A. M.

Due to our late arrival night before last at Bjornesundet we did not get started yesterday until 2-30 P. M., after building a cairn and putting a record in it.

We have faced a cold wind all day - for 11 1/2 hours, with at least 50 miles to our credit. I have new known dogs now

better than they did Friday.

We shot 7 hare on the way which helps out our pemmican supply.

Arriving at our old igloo I had already fed two pounds pemmican when E-kah-ah-shew yelled from inside "Narky tee-dick-tuah!" Sure enough! There was enough for all our dogs and to spare. Ah-and de- have killed a large bear on way home, leaving meat for us.

It is almost like a summer night. I got the spring fever and pitched the tent and it certainly seems good to be in it once more.

It is now the morning of the 7th but we think of going to bed. E- is making a bone-tobo for seals and the boys are putting things in the sun to dry.

Way hawks everywhere.

6h 46m Arty. Sun bears 155°
47m " " " 154°
50 " " " 151°

June 6h 50m A.M.

Temp + 8. Bar. 29.50

6h 55m A.M. Sun bears 149°

3 P.M.

Breakfast over. We start in about an hour.

I have just found a caterpillar. The cocoon lay on a bare rock from which the snow has just melted.

Monday, May 8.

49th day

Bay Fiord

1h 30m A.M.

The Lord is certainly kind to us. Last year this fiord was deep in snow. Two years ago we snow-shoed the whole distance. I expected to do so today. It is as hard as a floor. We might easily have covered fifty or sixty miles. However, we stopped here for hare for supper. The hills are fairly crawling with them.

A beautiful night and the glacier of Ellesmere Land in sight

Three seals on the ice today,
temperature +15°.

Temp at 2-30 A.M. +14
Bar 29.61

1h 45m P.M.
Beautiful weather. Light
wind N.W. 1
Temp Bar 29.75
Sun at 1h 45m P.M. 44° 30'
" 1 49m " 42°
Depth of water at seal hole 187 fms
Number of turns on reel (9 in) 322

Tuesday, May 9.

3h 30m A.M.

50th day

Head Bay Island

A long march of 13 hours put us here at 3 this morning.

Killed one seal, furnishing a good feed for our dogs.

We find an number of igloo four chins. Here are

head of fjord two skins, a bears head and family of meat, — cast what our dogs need for the hard work to come.

Shall remain here two days to rest and feed dogs.

Temp +3 Bar 29.61

7h 30m P. M.

Temp +22 Bar. 29.60

Overcast — heavy mist — no wind.

Wednesday, May 10

51st day

2h 15m P. M.

Still overcast. Bar. 29.49

Temp Getting Ready to leave camp for our climb over glacier.

Taught the Eskimos to play Whist yesterday.

We saw our first gyrfalcon day before yesterday.

10a 30m P. M.

A hard ascent up out of river valley, doing the first mile in two hours. We are now across the old lake bed and fairly on the back of the Ellesmere Land Glacier. Thick fog compels us to camp. We have lost trail and can see no landmarks.

at 6 P.M. Temp +25

Thursday. May 11.

52nd day

Breakfast at 9-30. Sun out, good weather.

10-30 Temp. 24.5+

10 P.M.

Lost in the fog again and in camp on glacier. It has cleared up several times today but now thick as mud. We have followed an old trail all day nearly to the place of descent. Must now wait until morning.

At highest point the barometer read 24.24. It now

reads 25.68. Snowing a bit-

Friday. May 12.

4 A. M.

53rd day

Bar. 25.61 Temp 13.5+

Y/b we can sleep. It has partly cleared up. so we are planning to start.

2h 30m P. M.

Temp 32

Down to sea ice at head of Flagler Bay. Bar 29.56. at River Valley Camp it stood at 28.54. This makes our greatest height at about 4700 feet.

We find here four bear skins and two musk-ox, left by Accomudung-wah and Ah-kood-ah-shah-o. It looks as if we shall have a load for Etah.

We are taking home 11 bears for mounting and 5 skins 4 musk-oxen with skulls and

9 ships

10h 30m P.M.

Bar. 29.39

Overcast ; no wind

Saturday May 13

54th day

9h 30m A.M.

Bar 29.24 Temp 36+

The left- head of fiord about- 11 last night-
Overcast- and a light snow all day. night

We are now at big water hole at mouth of fiord where the boys pulled out four seals in about- as many minutes.

Seal flippers and liver! Great Scott!

10 P.M.

Temp +18. Bar. 29.12

Wind S.E. 3

9h 10m P.M. Sun bears 156° 30

Sunday May 14.

55 th day

7 A. M.

We came during the night from the Mid reach to Rice Strait. We are encamped on ice about 2 miles from Cochrel Hat Island.

At Victoria Head found his bear skin where he had cached it under the rocks, which leads us to believe that Panikpah and Koolah-tinah must have killed bears as well as musk-oxen.

Temp 16.5 + Bar. 29.31

4h 45m P. M.

Light up. Breakfast over at 5-30. Temp 29+

Monday May 15th

56th day

7 A.M.

Temp. 21.5+ Bar. 29.39

Alt. 7h 10m A.M. Sun 163°

A mixture of a good and a bad day.

Starting out last night through ice turned us south nearly to Cocked Hat Island where we waded most through deep snow. E. shot a seal, which stood up our dogs after they had each gulped three or four pounds of fat. Finally we struck excellent ice apparently extending all the way across Smith Sound; but as we untangled our traces we could hear the wash of waves. Sure enough, we soon saw open water which turned us due north nearly to Victoria Head! Back where

we started from day before yesterday.

From here we turned north east and had proceeded about a mile when I saw the three boys whipping their dogs to greater speed. In front of them was something which looked like a wolf but smaller. I could not think it was such a small bear alone, yet so it proved to be, a cub weighing about forty pounds.

We caught it before the dogs had injured it. It is now tied out near our tent and will go to Etah and if possible to America.

It is a bit ugly, rushes at our legs, rips and tears our hamiks, but will behave better in time.

About two hours after capturing the cub Ahlis saw something black on the trail far off to the east in the jungle ice. We at first thought it must

he a dog. Not one Eskimo — Ak- and Aa- soon met us on their way to Flaxman Bay to help us. I had told them to start a few days after the little ones arrived and they had done so.

They have made news. Iu-yan-tak was drowned last summer at Koak-to-lik-muk hunting narwhal. They think his harpoon line caught on his kayak as it was pulled under water.

A small boy of about ten, Sak-wak-na, son of Clay-oo, was accidentally shot Sarah by Koi-tee-ah, when hunting hare and waiting for traps. Koi-tee-ah was carrying his rifle under his arm. The rifle was discharged by the shock of his jumping from a small hillock or mound; the bullet exited at the hip and passed up through towels.

Panikpah and Koolah-tuah read me Bear on their return

Accumudingwah and Ahfordah-wahsh two, which makes us a total of twenty for the trip.

Kah-ku-chee-ah and Ki-me-ah-wah have both shot caribou and Eeah.

Aw-duck-ah-lung-yah has married Oo-bluk-yah, thank goodness!

On Sunday, May 14, we heard glaucous gulls over our tent. On the same day we saw a large flock of eider ducks.

Today the water is sprinkled with sea-pigeons, all in summer plumage.

We have seen numbers while-whales playing along the edge of the ice, young and old. The young are still dead color. The boys say there are a year old.

Standing on the edge of the ice we watched them in the water below us turning and twisting their bodies at all angles. many were swimming belly up!

4 P. M.

A beautiful day. Getting breakfast.

Bar. 29.39 Temp 21°

At 3h 48m P.M. Sun 25°30'

11h 30m P.M.

Amaitok

A fast run over very good going landed us here before midnight—

Sammie, Ki-we-ark-shah, and Amayah are the only occupants of the place, Kah-ho-chee-ah and Oo-dee having left for Etah today. There is now a heavy mist with thermometer at 19+; barometer 29.25.

Akkiko thinks that the white whale, which we saw yesterday, were swimming on their backs to see us above them.

Accomodating-wah tells me that Co-blos-yah, Lung-me, and others saw a bear eating another one. There was blood all over the ice, the flesh was warm, and the larger very poor, — evidence that one bear will eat another when in a starving condition.

Tuesday, May 16

5th day

7h 30m A.M.

Arrive at Camp Lodge

Pemmican

Duchet-duwah-ha-hō (Arikis speaking of small amount of pemmican to put in stew)

El-car-doo-ah -- a fish smaller than a lake trout.
See-ah-nung-ee-lō -- not tasted.
Weed-low(how)-hum-ee -- in a bottle.
Jun-wop-hē-yah -- I gave it.
Kah-park-tō-wah -- greedy -- in a starving condition -- very hungry

Ki-ar-youk-lō -- rounded edges or edges or round.
Ko-uh-shoo-ark-lō -- square
Ah-ging-you-ard-ley -- come in

Clinit atarnuk Too-mung-
ée-to. One of your dogs
has a sore leg.
Ee-tŏk-ah-tée-ah - my biting dog
Ee-tok-ah-tit - your " "
ning-ee-vó-to-hah-o-tée-ah - my
old female dog
ning-ee-vó-to-hah-o-tit - your
old female dog
Vvo-tah-ah - my new dog
Vvo-tah-ō-hō-tit - your new
dog.
Ee-tŏk-ah-wheu
Pamikpah immany ang-too-ŭk-to.
Ah-nai-oo-ée-to - stop frage
Par-tee-teek-tō - an igloo to
fall down.
Mun-nú-to - an igloo to
sag.
Cŏk-tŏk-suah - much urine
Tŏp-tah - - - shell
Poo-s.ah-kée-yah - I forgot it
Arf-suck - - - caterpillar
O-ha-look-shem-ah-hunga - I said
Kanee-ark-to - it will snow.
Ah-meen-yah - - lemming
Till-yah - - - ermine
Kling-you-ah-ne - (over the glacier
down near the sea ice)
Ah-kal-yah - - edge of glacier

Ip-par-e-tah Shook-ah-cul-ne-ye
Dip my whip. (Go put on a new lash)

Ah-hi-ang-wu-vot very hungry
" " " wung-ee-toot (negative of this
felt-lung-ung-ee-to (never tired
fee-shung-ung-ee-to (never tired)
perhaps this is our word for tough.

Ah-fang-ilh-so (a term applied to the peculiar gait of a bear and a man running)
Pung-ah-deek-to the gait of all animals, - caribou, bear, musk-ox, dog, etc.

E-wah-hark-to -- the gait of a trotting caribou, or dog.

Evo-helk-tacto -- gait of a dog a little faster than a walk

Oo-bloo-cup climee
Eee-vop-suuet. Oo-bloo-yahs dogs are eager to go after bears.
O-hoi-oo-ee-to -- deaf and dumb

mip-sáh - - - spleen of a bear or any animal

Kark-ree-duck-ah-tunga
I am full!!

Arkhio-und E-hōōh-ah-shoo-und
iglue-ah mmahah
tucher-me-ah-da-ai-pvo.

Perhaps we (hōō) shall
see Arkhio's and E-hōōh-ah-
shoo's iglus.

Eé-lew - - - mist or eye glasses
ee-ah-mik-ee-ah-dáh
"heat rising"
pvo-ee-guark-ta-shém-ah
shóat - - - mirage
mung-noóm-ah-how
slightly frozen (meat)
ah-mah-how (not frozen
at all)
ah-mah-howksuah (very soft)

Shudy tai-ah tuseng-e-
tunga. I have never
heard anything like that
Káh-gah -- highest point of
glacier

Copy of record left at Finlay Land.

April 21, 1916.

Arrived here on April 19 with my three Eskimos, Arktic, Nucar-ping-wah, and Ee-took-ah-shoo, four sledges, thirty nine dogs. Left Etah, North Greenland March 22. Crossed Smith Sound on 23-24.

Up to date have killed ten bears and fourteen seals, thirty musk-ox, fourteen hare, and two ptarmigan. Find here tracks of lemming, fox, and caribou.

Bad weather and lack of dog food compel me to retreat to North Cornwall where I hope to find musk-ox.

D B MacMillan

start back at once.
Shall call at Yorth
Cornwall where I hope
to find mucks-ven.
All well. Expect to
reach Edath June 14th.

Kyde Kyllan

List of flags on long trip
1916

Wheaton
5 small Bowdoin
1 Black "
Kane Lodge 454
Black Bowdoin Rear flag
Radcliffe
Sargent
Technology
Paterson N.J.
2 O A X.
Harvard
Whittier
Simmons
Colby
Yale
Small silk American

Ah-wéen-yah - - - lemming

Ikk-yah - - - - ermine

Copy of record left on
west side Harrel Sound.

Easter Sunday, April 23, 1916

Arrived here yesterday
on my return from Finlay
Land (King Christian Island)
to Etah, North Greenland.
Shall leave here tomorrow
for Ludvig. From there I
shall proceed to North Cornwall
where I hope to find musk-
oxen enough to enable me
to map east coast as far
as Gordon Head.
Expect to arrive Cape
South West about May 4th
and Etah, June 1st.
Thus far we have killed
13 bears, 13 seals, 16 hare, 2
ptarmigan, and 30 musk-
oxen. Have three days'
pemmican on our sledges.
I have with me three
Eskimos, Nucar-jung-wah,
Arbilio, and Ebierbah-shoo,

eight

~~39 dogs~~. Have lost 8 dogs
out of ~~47 that~~ forty seven
three with Gilmore-Hot.
~~by~~ dropping on trail. and
~~by~~ killed by bears.
all well.

Wm McMillan

Eskimo words

Sah-vik-miq-loo (Arkio wanted one of the boys to hand him a knife through the door of the igloo, into the igloo)

Ig-loo-e-hee-hé-wah. I build the ig-loo

Ig-loo-e-hee-e-ac-tunga-- I will build the igloo!

No 1 Finlay Land

No 22

12 1/2 biscuit

Cafe South West

12 1/2 biscuit
5 cans milk
Sugar
4 red gunnies
3 gals oil

Cafe Ludwig

1 quart oil

No 27

Cub cans

1 gal oil
2 cans milk

Cook of Cafe National

1 gal oil
12 biscuit
2 cans milk
45 lbs gunnies

Cabins
Island Cache
2 gal. oil
2 cans milk
4 lbs sugar
25 " biscuit
7 Tobacco
3 blue
2 red
Camera
7 films
1 hammock
Bleeding matter
Bear skin

No 3 Bear camp
1 gal oil "

Clubbaw camp
1 gal oil 12½ biscuit

AMNH LIBRARY
100231679